

SUCCESSFUL CAREER

- Placement in leading and core companies.
- Soft skills development, communication skills development and placement training.
- Motivating students to bud as good entrepreneur.
- Industry ready value added courses conducted.

PLACEMENTS AND INDUSTRIAL AFFILIATIONS



TESTIMONIALS

"As an alum of S.A. Engineering College's Mechanical Engineering program, I can confidently say that the education and experiences I gained there laid a strong foundation for my career. The curriculum was comprehensive, covering both theoretical concepts and practical applications, which equipped me with the skills needed to excel in the industry. The faculty were not just teachers but mentors who guided and inspired me to push my boundaries. Moreover, the college's emphasis on project-based learning and industry exposure prepared me well for the challenges of the real world. Today, I proudly carry forward the legacy of excellence instilled in me by S.A. Engineering College."

Mr. Shanjeeva Darshanam
(2017-2021) - ALUMNI
Masters of science in Engineering- Automotive Engineering
Coventry University, Coventry,
United Kingdom.



SAEC is a College focus on Academic along with industrial requirements. I would like to thank the professors who helped to learn the subject on a concept basis which helped me to clear my interview in the technical round. Professors have immense knowledge in their subject as well as guiding students to drive in their projects. College engaged me in an Employee enhancement program conducted in Anna University which helped us to learn Industrial/Corporate requirements from GET. Training and Campus interviews conducted by the placement team are more effective. I am proud to be a SAEC prodigy.

Mr. Deenadhayan G
(2012 - 2016) - ALUMNI
Senior Design Engineer - PMO at Stellantis.



SAEC as a college widened the prospect of application oriented engineering that opened doors to multiple opportunities. I'd like to thank the professors of Mechanical department who helped us craft a career of our choice and constantly pushed us to do better. Their skills, expertise and experience helped us a lot in practically understanding the possibilities and scope of the subjects. Relevant trainings and upskillings helped us to unravel the secret of interviews and helped us do better. Last but not the least, Thanks to SAEC for a solid foundation.

Mr. HARESWAR T K
(2016 - 2020) - ALUMNI
Consultant - Cybersecurity,
NIQ-Chennai



As a student in S.A.ENGINEERING COLLEGE, I gained both the skills and confidence to thoughtfully use a variety of quantitative approaches. The faculties in each course were patient, understanding, and skilled. I would highly recommend this program to anyone wanting to expand their career. Mechanical Engineering is a fantastic program that truly changed my career trajectory for the better. I will always be grateful to them for providing me a platform of practical learning and preparing me for the corporate life.

Mr. SATHISH RAJAN S
(2016 - 2020) - ALUMNI
SENIOR ANALYST
DHL GLOBAL FORWARDING INDIA LTD.



UG
Programme
in
**MECHANICAL
ENGINEERING**

21
BATCHES
GRADUATED

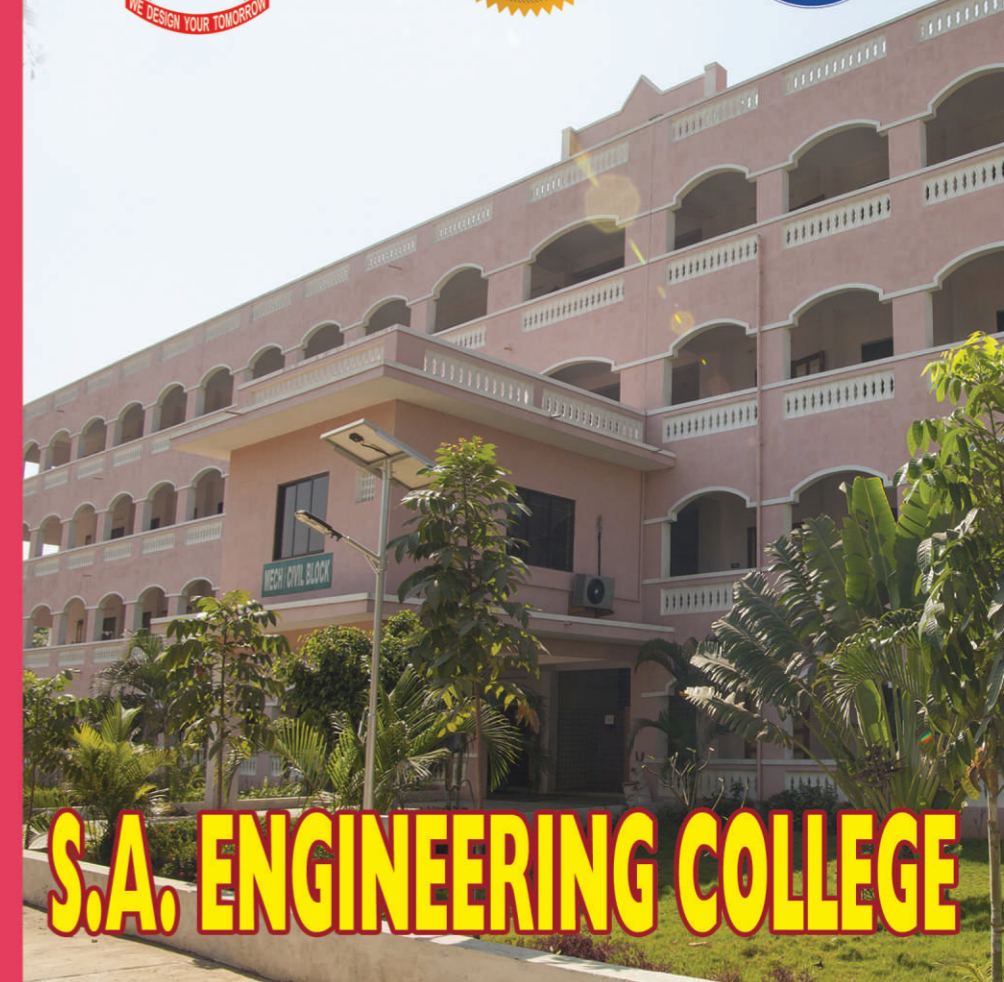
82
LAKHS
WORTH
FUNDED
PROJECTS IN
LAST 3 YEARS

PG
Programme
in
**M.E.
CAD/CAM.**

60
STUDENTS
INTAKE
90%*
PLACEMENT

Ph.D
Programme
in
**MECHANICAL
ENGINEERING**
(Anna University
Recognized
Research Center)

9
PATENTS
GRANTED
18
PATENTS
PUBLISHED
180
JOURNAL
PUBLICATIONS
IN LAST FIVE
YEARS



S.A. ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION,
AFFILIATED TO ANNA UNIVERSITY)

**DEPARTMENT
OF
MECHANICAL ENGINEERING**

ADMISSION OPEN 2024



We shape your future

COUNSELING CODE 1114



S.A. ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION, AFFILIATED TO ANNA UNIVERSITY)

Accredited by NAAC with 'A' Grade & ISO 9001:2015 Certified Institution
Poonamallee - Avadi Main Road, Thiruverkadu, Chennai - 600 077.

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Fax : 044-2680 1899
Website : www.saec.ac.in
E-Mail : saec@saec.ac.in

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VISION

ACADEMIC EXCELLENCE :

To strive and attain a premier position in providing Quality Higher Education integrated with Research and Scholarly activities in the emerging areas and diversify in the emerging fields of Mechanical Engineering, thus serving to the needs of the society.

INVENTORY OF SKILL DEVELOPMENT :

To make our graduates to be adept in handling real life complex problems through Modern Tools and Techniques and while doing so making them to imbibe ethical practices and confident enough to assume leadership position.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

- 1. Technical and Professional Excellence :** Graduates will demonstrate technical competence in solving real life Mechanical Engineering problems using Engineering principles and modern tools while engaging in continuous professional development to stay updated of the industry trends.
- 2. Leadership and Communication :** Graduates will exhibit strong leadership qualities enabling them to manage projects, work in inter disciplinary teams and communicate complex technical information using contemporary tools in a global environment.
- 3. Ethical and Social Responsibility :** Graduates will demonstrate a commitment to professional ethics, understand the broader impacts of engineering solutions on society and the environment and apply their engineering skills to address global challenges in sustainability, health, and safety
- 4. Lifelong Learning :** Graduates will successfully establish themselves in professional engineering roles in various industries by engaging in lifelong learning or by participation in professional organizations to continuously improve their knowledge and skills.



MISSION

CONDUCTIVE ENVIRONMENT : To provide conducive atmosphere for effective teaching-learning by disseminating the knowledge in breadth and depth.

CENTRE OF EXCELLENCE : To practice modern tools and techniques so as to make our department a Centre of Excellence and sustainable in their growth.

CRITICAL AND CLINICAL THINKING : To transform our students to be open minded with critical thinking in their approach to real-life problem-solving situations keeping in mind the Professional, Ethical, Environmental and Societal aspects

ACTIVE INVOLVEMENT IN R&D : To provide a perfect platform for our faculty and students to undertake research activities.

COLLABORATION AND INTEGRATION : To collaborate with the industries, premier Institutions in taking up consultancy projects, internship so that our students will acquire experience hands-on in current industrial practices and ethical standards.

IMPLEMENTATION OF STUDENTS QUALITY CIRCLE : To make our students imbibe leadership qualities by fostering in them a good amount of soft skills, personality traits and by way of active participation in extra-curricular and co-curricular activities.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1 : System Design and Quality Standards
Students will design, analyse, optimize mechanical, thermal, and fluid systems and components using engineering fundamentals and latest tools and along with modern manufacturing practices will ensure efficient solutions and quality standards in products

PSO 2 : Sustainability and Cost-Effectiveness
Students will apply sustainable practices in designing and manufacturing processes to create environmentally responsible and cost-effective solutions.

FACILITIES



VERTICAL MACHINING CENTER



CNC LATHE MACHINE



FRICTION STIR WELDING MACHINE



COORDINATE MEASURING MACHINE



CENTRE FOR EXCELLENCE



Energy and Nano Technology
FACILITIES AVAILABLE

FABRICATION LAB
SOLAR STILL
SOLAR PV PANELS
ULTRASONICATOR
MAGNETIC STIRRER

ANEMOMETER
RADIATOR TESTING RIG
SOLARIMETER
FLOWMETERS



CENTER FOR SMART AND ADVANCED MATERIALS
Smart and Advanced Materials
FACILITIES AVAILABLE

FABRICATION LAB
FSW MACHINE
E-Bike
Wheel chair vehicle

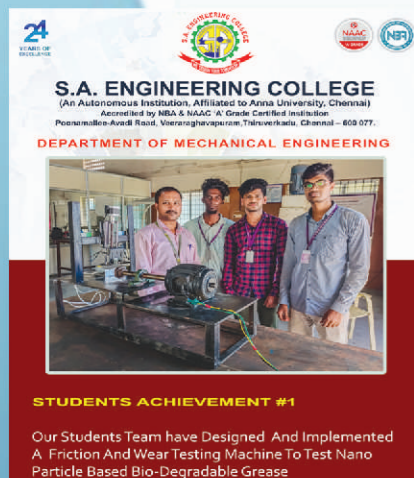


INTERACTION WITH INDUSTRY EXPERT

STUDENT'S ACHIEVEMENTS



Fabrication of Innovative Projects



LIST OF MOU'S



ASSEMBLY AND DISASSEMBLY OF IC ENGINE



HANDS ON TRAINING ON ADDITIVE MANUFACTURING